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## IMAGES ARE BEST AVAILABLE COPY.

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I  
SEQUENCE LISTING

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Scott Southwood  
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Epimmune Inc.

<120> Inducing Cellular Immune Responses to  
Carcinoembryonic Antigen Using Peptide and Nucleic Acid  
Compositions

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<140> US 09/458,302  
<141> 1999-12-10

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<151> 1993-03-05

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<151> 1993-06-04

<150> US 08/159,184  
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&lt;400&gt; 620

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&lt;211&gt; 10

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&lt;210&gt; 741

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&lt;212&gt; PRT

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&lt;400&gt; 741

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&lt;210&gt; 742

&lt;211&gt; 10

&lt;212&gt; PRT

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&lt;400&gt; 742

Gly Pro Asp Ala Pro Thr Ile Ser Pro Leu  
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&lt;210&gt; 743

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&lt;210&gt; 754

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&lt;400&gt; 754

Lys Pro Val Glu Asp Lys Asp Ala Val Ala Phe  
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&lt;210&gt; 755

&lt;211&gt; 8

&lt;212&gt; PRT

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&lt;400&gt; 755

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&lt;210&gt; 756

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&lt;400&gt; 756

Leu Pro Gln His Leu Phe Gly Tyr Ser Trp  
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&lt;210&gt; 757

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&lt;400&gt; 757

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Ser Pro Ser Ala Pro Pro His Arg Trp  
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&lt;211&gt; 10

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&lt;223&gt; Artificial Peptide

&lt;400&gt; 801

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&lt;210&gt; 802

&lt;211&gt; 8

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&lt;213&gt; Artificial Sequence

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&lt;223&gt; Artificial Peptide

&lt;400&gt; 802

Ala Arg Ala Tyr Val Cys Gly Ile  
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&lt;210&gt; 803

&lt;211&gt; 8

&lt;212&gt; PRT

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&lt;400&gt; 803

Ala Arg Arg Ser Asp Ser Val Ile  
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&lt;210&gt; 804

&lt;211&gt; 9

&lt;212&gt; PRT

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&lt;400&gt; 804

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&lt;400&gt; 814

Gly Arg Asn Asn Ser Ile Val Lys Ser Ile  
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&lt;210&gt; 815

&lt;211&gt; 10

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&lt;400&gt; 815

His Arg Trp Cys Ile Pro Trp Gln Arg Leu  
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&lt;210&gt; 816

&lt;211&gt; 11

&lt;212&gt; PRT

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&lt;223&gt; Artificial Peptide

&lt;400&gt; 816

His Arg Trp Cys Ile Pro Trp Gln Arg Leu Leu  
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&lt;210&gt; 817

&lt;211&gt; 8

&lt;212&gt; PRT

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&lt;223&gt; Artificial Peptide

&lt;400&gt; 817

Leu His Val Ile Lys Ser Asp Leu  
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&lt;210&gt; 818

&lt;211&gt; 9

&lt;212&gt; PRT

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&lt;400&gt; 818

Asn Arg Gln Ile Ile Gly Tyr Val Ile  
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&lt;210&gt; 819

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Gln His Thr Gln Val Leu Phe Ile Ala Lys Ile  
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<210> 848

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&lt;400&gt; 861

Ala Thr Val Gly Ile Met Ile Gly Val  
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&lt;210&gt; 862

&lt;211&gt; 10

&lt;212&gt; PRT

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&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 862

Ala Thr Val Gly Ile Met Ile Gly Val Leu  
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&lt;210&gt; 863

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 863

Ala Thr Val Gly Ile Met Ile Gly Val Leu Val  
1 5 10

&lt;210&gt; 864

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 864

Asp Ala Pro Thr Ile Ser Pro Leu  
1 5

&lt;210&gt; 865

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 865

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<400> 870

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<400> 872  
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1 5 10

<210> 873  
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<400> 873  
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1 5

<210> 874  
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<220>  
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1 5

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<400> 875  
Glu Ala Gln Asn Thr Thr Tyr Leu Trp  
1 5

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<400> 876  
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<400> 877  
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<400> 878  
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1 5 10

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1 5 10

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<210> 886  
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&lt;210&gt; 924

&lt;211&gt; 10

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&lt;223&gt; Artificial Peptide

&lt;400&gt; 924

Leu Ser Asn Gly Asn Arg Thr Leu Thr Leu  
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&lt;210&gt; 925

&lt;211&gt; 11

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&lt;400&gt; 925

Leu Ser Asn Gly Asn Arg Thr Leu Thr Leu Phe  
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&lt;210&gt; 926

&lt;211&gt; 9

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Asn Ala Ser Leu Leu Ile Gln Asn Ile  
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&lt;211&gt; 10

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&lt;223&gt; Artificial Peptide

&lt;400&gt; 937

Asn Ala Ser Leu Leu Ile Gln Asn Ile Ile  
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&lt;210&gt; 938

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&lt;212&gt; PRT

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&lt;223&gt; Artificial Peptide

&lt;400&gt; 938

Asn Ser Ala Ser Gly His Ser Arg Thr Thr Val  
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&lt;210&gt; 939

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&lt;212&gt; PRT

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&lt;400&gt; 939

Asn Ser Asp Thr Gly Leu Asn Arg Thr Thr Val  
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&lt;400&gt; 984

Ser Ala Asn Arg Ser Asp Pro Val Thr Leu  
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&lt;210&gt; 985

&lt;211&gt; 9

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&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 985

Ser Ala Pro Pro His Arg Trp Cys Ile  
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&lt;210&gt; 986

&lt;211&gt; 11

&lt;212&gt; PRT

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&lt;400&gt; 986

Ser Ala Pro Pro His Arg Trp Cys Ile Pro Trp  
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&lt;210&gt; 987

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&lt;400&gt; 1044

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&lt;210&gt; 1045

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&lt;400&gt; 1045

Asp Leu Val Asn Glu Glu Ala Thr Gly Gln Phe  
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&lt;210&gt; 1046

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&lt;400&gt; 1046

Asp Pro Thr Ile Ser Pro Ser Tyr  
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&lt;210&gt; 1047

&lt;211&gt; 10

&lt;212&gt; PRT

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&lt;220&gt;

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&lt;400&gt; 1047

Asp Pro Thr Ile Ser Pro Ser Tyr Thr Tyr  
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&lt;210&gt; 1048

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&lt;400&gt; 1108

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&lt;210&gt; 1109

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&lt;212&gt; PRT

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&lt;400&gt; 1109

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&lt;400&gt; 1120

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&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1122

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&lt;210&gt; 1123

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&lt;212&gt; PRT

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&lt;400&gt; 1169

Gln Val Leu Phe Ile Ala Lys Ile  
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&lt;400&gt; 1304

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&lt;400&gt; 1305

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&lt;400&gt; 1350

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&lt;212&gt; PRT

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&lt;400&gt; 1351

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&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

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&lt;400&gt; 1352

Ile Asp Gly Asn Ile Gln Gln His  
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Leu Val His Asn Leu Pro Gln His

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&lt;210&gt; 1412

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&lt;223&gt; Artificial Peptide

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&lt;400&gt; 1413

Leu Val Asn Glu Glu Ala Thr Gly Gln Phe

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&lt;400&gt; 1472

Gln Ser Leu Pro Val Ser Pro Arg  
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&lt;210&gt; 1473

&lt;211&gt; 9

&lt;212&gt; PRT

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&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1473

Arg Ile Asn Gly Ile Pro Gln Gln His  
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&lt;210&gt; 1474

&lt;211&gt; 11

&lt;212&gt; PRT

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&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1474

Arg Leu Leu Leu Thr Ala Ser Leu Leu Thr Phe  
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&lt;210&gt; 1475

&lt;211&gt; 9

&lt;212&gt; PRT

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&lt;400&gt; 1475

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Arg Thr Leu Thr Leu Phe Asn Val Thr Arg  
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&lt;400&gt; 1485

Arg Val Asp Gly Asn Arg Gln Ile Ile Gly Tyr  
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&lt;210&gt; 1486

&lt;211&gt; 8

&lt;212&gt; PRT

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&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1486

Arg Val Tyr Pro Glu Leu Pro Lys  
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&lt;210&gt; 1487

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1487

Ser Ala Ser Gly His Ser Arg Thr Thr Val Lys  
1 5 10

&lt;210&gt; 1488

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1488

Ser Ala Ser Gly Thr Ser Pro Gly Leu Ser Ala  
1 5 10

&lt;210&gt; 1489

&lt;211&gt; 9

&lt;212&gt; PRT

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&lt;400&gt; 1489

Ser Ala Ser Asn Pro Ser Pro Gln Tyr  
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&lt;210&gt; 1490

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Ser Gly Ser Tyr Thr Cys Gln Ala  
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Ser Thr Pro Phe Asn Val Ala Glu Gly Lys  
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Thr Leu Phe Asn Val Thr Arg Asn Asp Ala Arg  
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&lt;400&gt; 1533

Thr Leu Phe Asn Val Thr Arg Asn Asp Thr Ala  
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&lt;210&gt; 1534

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1534

Thr Leu Thr Leu Phe Asn Val Thr Arg  
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&lt;210&gt; 1535

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1535

Thr Leu Thr Leu Leu Ser Val Thr Arg  
1 5

&lt;210&gt; 1536

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1536

Thr Ser Pro Gly Leu Ser Ala Gly Ala  
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Thr Thr Ile Thr Val Tyr Ala Glu Pro Pro Lys  
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<400> 1541

Thr Val Lys Thr Ile Thr Val Ser Ala  
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Tyr Ala Cys Phe Val Ser Asn Leu Ala  
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<400> 1563

Tyr Ala Glu Pro Pro Lys Pro Phe  
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<210> 1564

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<400> 1564

Tyr Ser Gly Arg Glu Ile Ile Tyr  
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<210> 1565

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1 5

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1 5 10

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<400> 1578  
Ala Ser Asn Pro Ser Pro Gln Tyr  
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<400> 1579

Ala Ser Asn Pro Ser Pro Gln Tyr Ser Trp Arg  
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<210> 1580

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<400> 1580

Ala Thr Gly Gln Phe Arg Val Tyr  
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<210> 1581

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<400> 1581

Ala Thr Gly Arg Asn Asn Ser Ile Val Lys  
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<210> 1582

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<400> 1582

Ala Thr Pro Gly Pro Ala Tyr Ser Gly Arg  
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<210> 1583

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<400> 1583

Cys Phe Val Ser Asn Leu Ala Thr Gly Arg  
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Asp Asp Pro Thr Ile Ser Pro Ser Tyr Thr Tyr  
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Asp Gly Asn Arg Gln Ile Ile Gly Tyr  
1 5

<210> 1589  
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Asp Ser Val Ile Leu Asn Val Leu Tyr  
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Asp Thr Gly Phe Tyr Thr Leu His  
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<210> 1591  
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<220>  
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Asp Thr Gly Phe Tyr Thr Leu His Val Ile Lys  
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<210> 1592  
<211> 9  
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<220>  
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<400> 1592  
Glu Ala Thr Gly Gln Phe Arg Val Tyr  
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<210> 1593  
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&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1593

Glu Gly Lys Glu Val Leu Leu Leu Val His  
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&lt;210&gt; 1594

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1594

Glu Leu Phe Ile Ser Asn Ile Thr Glu Lys  
1 5 10

&lt;210&gt; 1595

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1595

Glu Asn Leu Asn Leu Ser Cys His  
1 5

&lt;210&gt; 1596

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1596

Glu Ser Pro Ser Ala Pro Pro His  
1 5

&lt;210&gt; 1597

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1597

Glu Ser Pro Ser Ala Pro Pro His Arg  
1 5

<210> 1598  
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Glu Ser Thr Pro Phe Asn Val Ala Glu Gly Lys  
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<210> 1599  
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<210> 1601  
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Phe Gly Tyr Ser Trp Tyr Lys Gly Glu Arg  
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<400> 1602

Phe Ile Ser Asn Ile Thr Glu Lys  
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1 5

<210> 1604  
<211> 11  
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<400> 1604  
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1 5 10

<210> 1605  
<211> 11  
<212> PRT  
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<400> 1605  
Phe Asn Val Thr Arg Asn Asp Thr Ala Ser Tyr  
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<210> 1606  
<211> 9  
<212> PRT  
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Phe Val Ser Asn Leu Ala Thr Gly Arg  
1 5

<210> 1607  
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&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1607

Gly Ala Asn Leu Asn Leu Ser Cys His  
1 5

&lt;210&gt; 1608

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1608

Gly Phe Tyr Thr Leu His Val Ile Lys  
1 5

&lt;210&gt; 1609

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1609

Gly Ile Gln Asn Glu Leu Ser Val Asp His  
1 5 10

&lt;210&gt; 1610

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1610

Gly Ile Gln Asn Ser Val Ser Ala Asn Arg  
1 5 10

&lt;210&gt; 1611

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1611

Gly Asn Arg Gln Ile Ile Gly Tyr  
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&lt;210&gt; 1612

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Gly Ser Tyr Thr Cys Gln Ala His  
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<210> 1613  
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Gly Thr Gln Gln Ala Thr Pro Gly Pro Ala Tyr  
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<210> 1614  
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<210> 1615  
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His Ala Ala Ser Asn Pro Pro Ala Gln Tyr  
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<210> 1616  
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1 5

<210> 1618  
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His Asn Leu Pro Gln His Leu Phe Gly Tyr  
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<210> 1619  
<211> 9  
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His Asn Ser Asp Thr Gly Leu Asn Arg  
1 5

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His Ser Ala Ser Asn Pro Ser Pro Gln Tyr  
1 5 10

<210> 1621  
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<400> 1621

His Ser Asp Pro Val Ile Leu Asn Val Leu Tyr  
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<210> 1622

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<212> PRT

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<400> 1622

His Thr Gln Val Leu Phe Ile Ala Lys  
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<210> 1623

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Ile Asp Gly Asn Ile Gln Gln His  
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<210> 1624

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<212> PRT

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<400> 1624

Ile Ile Gln Asn Asp Thr Gly Phe Tyr  
1 5

<210> 1625

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<400> 1625

Ile Ile Ser Pro Pro Asp Ser Ser Tyr  
1 5

<210> 1626

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1 5

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1 5

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1 5

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<400> 1629  
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<210> 1630  
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Ile Ser Pro Ser Tyr Thr Tyr Tyr  
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<210> 1631  
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Ile Ser Pro Ser Tyr Thr Tyr Tyr Arg  
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<210> 1632  
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<400> 1632  
Ile Thr Glu Lys Asn Ser Gly Leu Tyr  
1 5

<210> 1633  
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<220>  
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<400> 1633  
Ile Thr Pro Asn Asn Asn Gly Thr Tyr  
1 5

<210> 1634  
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<400> 1634  
Ile Thr Val Asn Asn Ser Gly Ser Tyr  
1 5

<210> 1635  
<211> 9  
<212> PRT  
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<400> 1635  
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1 5

<210> 1636  
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<220>  
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<400> 1636  
Ile Thr Val Tyr Ala Glu Pro Pro Lys  
1 5

<210> 1637  
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1 5 10

<210> 1638  
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Lys Gly Glu Arg Val Asp Gly Asn Arg  
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<210> 1639  
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<210> 1640  
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<400> 1640

Lys Thr Ile Thr Val Ser Ala Glu Leu Pro Lys  
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<210> 1641

<211> 11

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<220>

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<400> 1641

Leu Ala Thr Gly Arg Asn Asn Ser Ile Val Lys  
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&lt;210&gt; 1655

&lt;211&gt; 11

&lt;212&gt; PRT

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&lt;400&gt; 1655

Leu Val Asn Glu Glu Ala Thr Gly Gln Phe Arg  
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&lt;210&gt; 1656

&lt;211&gt; 9

&lt;212&gt; PRT

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&lt;400&gt; 1656

Asn Asp Thr Gly Phe Tyr Thr Leu His  
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&lt;210&gt; 1657

&lt;211&gt; 10

&lt;212&gt; PRT

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&lt;400&gt; 1657

Asn Gly Gln Ser Leu Pro Val Ser Pro Arg  
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&lt;210&gt; 1658

&lt;211&gt; 10

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Pro Thr Ile Ser Pro Ser Tyr Thr Tyr  
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Pro Thr Ile Ser Pro Ser Tyr Thr Tyr Tyr  
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Gln Ser Leu Pro Val Ser Pro Arg  
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Ser Asn Ile Thr Glu Lys Asn Ser Gly Leu Tyr  
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Ser Val Ile Leu Asn Val Leu Tyr  
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Thr Ile Thr Val Ser Ala Glu Leu Pro Lys  
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Thr Leu Thr Leu Phe Asn Val Thr Arg  
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Thr Val Ser Ala Glu Leu Pro Lys  
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<210> 1752  
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<400> 1752  
Thr Val Thr Thr Ile Thr Val Tyr  
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<400> 1754  
Val Asp Gly Asn Arg Gln Ile Ile Gly Tyr  
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<210> 1755  
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Val Leu Leu Leu Val His Asn Leu Pro Gln His  
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<210> 1756  
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<400> 1756  
Val Asn Glu Glu Ala Thr Gly Gln Phe Arg  
1 5 10

<210> 1757  
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<212> PRT  
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<220>  
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<400> 1757  
Val Asn Gly Gln Ser Leu Pro Val Ser Pro Arg  
1 5 10

<210> 1758  
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<400> 1758  
Val Asn Leu Ser Leu Ser Cys His  
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<400> 1759  
Val Asn Asn Gln Ser Leu Pro Val Ser Pro Arg  
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Val Ser Asn Leu Ala Thr Gly Arg  
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<400> 1761  
Val Thr Arg Asn Asp Ala Arg Ala Tyr  
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<210> 1762  
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<400> 1762

Val Thr Arg Asn Asp Thr Ala Ser Tyr

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<210> 1763

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<400> 1763

Val Thr Arg Asn Asp Thr Ala Ser Tyr Lys

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<210> 1764

<211> 9

<212> PRT

<213> Artificial Sequence

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<400> 1764

Val Thr Arg Asn Asp Val Gly Pro Tyr

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<210> 1765

<211> 10

<212> PRT

<213> Artificial Sequence

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<400> 1765

Trp Leu Ile Asp Gly Asn Ile Gln Gln His

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<210> 1766

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1766

Trp Asn Pro Pro Thr Thr Ala Lys

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<210> 1767  
<211> 8  
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<220>  
<223> Artificial Peptide

<400> 1767  
Tyr Ser Gly Arg Glu Ile Ile Tyr  
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<400> 1768  
Tyr Ser Trp Tyr Lys Gly Glu Arg  
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<210> 1769  
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<220>  
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<400> 1769  
Ala Tyr Ser Gly Arg Glu Ile Ile  
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<210> 1770  
<211> 10  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1770  
Phe Trp Asn Pro Pro Thr Thr Ala Lys Leu  
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<210> 1771  
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<220>  
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<400> 1771  
Phe Tyr Thr Leu His Val Ile Lys Ser Asp Leu  
1 5 10

<210> 1772  
<211> 8  
<212> PRT  
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<220>  
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<400> 1772  
Gly Phe Tyr Thr Leu His Val Ile  
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<210> 1773  
<211> 11  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1773  
Ile Met Ile Gly Val Leu Val Gly Val Ala Leu  
1 5 10

<210> 1774  
<211> 8  
<212> PRT  
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<220>  
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<400> 1774  
Ile Tyr Pro Asn Ala Ser Leu Leu  
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<210> 1775  
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<400> 1775  
Ile Tyr Pro Asn Ala Ser Leu Leu Ile  
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<210> 1776  
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&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1776

Leu Trp Trp Val Asn Gly Gln Ser Leu

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&lt;210&gt; 1777

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1777

Leu Trp Trp Val Asn Asn Gln Ser Leu

1

5

&lt;210&gt; 1778

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1778

Leu Tyr Gly Pro Asp Ala Pro Thr Ile

1

5

&lt;210&gt; 1779

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1779

Leu Tyr Gly Pro Asp Asp Pro Thr Ile

1

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&lt;210&gt; 1780

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1780

Leu Tyr Gly Pro Asp Thr Pro Ile

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<210> 1781  
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<400> 1781  
Leu Tyr Gly Pro Asp Thr Pro Ile Ile  
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<210> 1782  
<211> 11  
<212> PRT  
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<220>  
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<400> 1782  
Pro Phe Asn Val Ala Glu Gly Lys Glu Val Leu  
1 5 10

<210> 1783  
<211> 11  
<212> PRT  
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<220>  
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<400> 1783  
Pro Trp Gln Arg Leu Leu Leu Thr Ala Ser Leu  
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<210> 1784  
<211> 10  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1784  
Pro Tyr Glu Cys Gly Ile Gln Asn Glu Leu  
1 5 10

<210> 1785  
<211> 8  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1785

Gln Phe Arg Val Tyr Pro Glu Leu  
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<210> 1786  
<211> 10  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1786  
Gln Tyr Ser Trp Phe Val Asn Gly Thr Phe  
1 5 10

<210> 1787  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1787  
Gln Tyr Ser Trp Leu Ile Asp Gly Asn Ile  
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<210> 1788  
<211> 9  
<212> PRT  
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<220>  
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<400> 1788  
Gln Tyr Ser Trp Arg Ile Asn Gly Ile  
1 5

<210> 1789  
<211> 9  
<212> PRT  
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<220>  
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<400> 1789  
Arg Trp Cys Ile Pro Trp Gln Arg Leu  
1 5

<210> 1790  
<211> 10  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1790  
Arg Trp Cys Ile Pro Trp Gln Arg Leu Leu  
1 5 10

<210> 1791  
<211> 11  
<212> PRT  
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<220>  
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<400> 1791  
Arg Trp Cys Ile Pro Trp Gln Arg Leu Leu Leu  
1 5 10

<210> 1792  
<211> 8  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1792  
Ser Trp Phe Val Asn Gly Thr Phe  
1 5

<210> 1793  
<211> 8  
<212> PRT  
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<220>  
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<400> 1793  
Ser Trp Leu Ile Asp Gly Asn Ile  
1 5

<210> 1794  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1794  
Ser Tyr Leu Ser Gly Ala Asn Leu  
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<210> 1795

<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1795  
Ser Tyr Leu Ser Gly Ala Asn Leu Asn Leu  
1 5 10

<210> 1796  
<211> 8  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1796  
Ser Tyr Arg Ser Gly Glu Asn Leu  
1 5

<210> 1797  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1797  
Ser Tyr Arg Ser Gly Glu Asn Leu Asn Leu  
1 5 10

<210> 1798  
<211> 11  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1798  
Ser Tyr Thr Tyr Tyr Arg Pro Gly Val Asn Leu  
1 5 10

<210> 1799  
<211> 9  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1799  
Thr Phe Gln Gln Ser Thr Gln Glu Leu

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<210> 1800  
<211> 10  
<212> PRT  
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<400> 1800  
Thr Phe Gln Gln Ser Thr Gln Glu Leu Phe  
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<210> 1801  
<211> 11  
<212> PRT  
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<220>  
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<400> 1801  
Thr Phe Gln Gln Ser Thr Gln Glu Leu Phe Ile  
1 5 10

<210> 1802  
<211> 11  
<212> PRT  
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<220>  
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<400> 1802  
Thr Phe Trp Asn Pro Pro Thr Thr Ala Lys Leu  
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<210> 1803  
<211> 9  
<212> PRT  
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<220>  
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<400> 1803  
Thr Tyr Ala Cys Phe Val Ser Asn Leu  
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<210> 1804  
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<220>

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<400> 1804

Thr Tyr Leu Trp Trp Val Asn Gly Gln Ser Leu  
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<210> 1805

<211> 11

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<223> Artificial Peptide

<400> 1805

Thr Tyr Leu Trp Trp Val Asn Asn Gln Ser Leu  
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<210> 1806

<211> 9

<212> PRT

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<220>

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<400> 1806

Thr Tyr Tyr Arg Pro Gly Val Asn Leu  
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<210> 1807

<211> 11

<212> PRT

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<220>

<223> Artificial Peptide

<400> 1807

Thr Tyr Tyr Arg Pro Gly Val Asn Leu Ser Leu  
1 5 10

<210> 1808

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1808

Val Tyr Ala Glu Pro Pro Lys Pro Phe  
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<210> 1809

<211> 10

<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1809  
Val Tyr Ala Glu Pro Pro Lys Pro Phe Ile  
1 5 10

<210> 1810  
<211> 10  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1810  
Val Tyr Pro Glu Leu Pro Lys Pro Ser Ile  
1 5 10

<210> 1811  
<211> 8  
<212> PRT  
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<220>  
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<400> 1811  
Trp Trp Val Asn Gly Gln Ser Leu  
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<210> 1812  
<211> 8  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1812  
Trp Trp Val Asn Asn Gln Ser Leu  
1 5

<210> 1813  
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<212> PRT  
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<220>  
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<400> 1813  
Tyr Tyr Arg Pro Gly Val Asn Leu  
1 5

<210> 1814  
<211> 10  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1814  
Tyr Tyr Arg Pro Gly Val Asn Leu Ser Leu  
1 5 10

<210> 1815  
<211> 15  
<212> PRT  
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<220>  
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<400> 1815  
Arg Trp Cys Ile Pro Trp Gln Arg Leu Leu Leu Thr Ala Ser Leu  
1 5 10 15

<210> 1816  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1816  
Cys Ile Pro Trp Gln Arg Leu Leu Leu Thr Ala Ser Leu Leu Thr  
1 5 10 15

<210> 1817  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1817  
Trp Gln Arg Leu Leu Leu Thr Ala Ser Leu Leu Thr Phe Trp Asn  
1 5 10 15

<210> 1818  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

&lt;400&gt; 1818

Gln	Arg	Leu	Leu	Leu	Thr	Ala	Ser	Leu	Leu	Thr	Phe	Trp	Asn	Pro
1														
													10	15

&lt;210&gt; 1819

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1819

Arg	Leu	Leu	Leu	Thr	Ala	Ser	Leu	Leu	Thr	Phe	Trp	Asn	Pro	Pro
1														
													10	15

&lt;210&gt; 1820

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1820

Ala	Ser	Leu	Leu	Thr	Phe	Trp	Asn	Pro	Pro	Thr	Thr	Ala	Lys	Leu
1														
													10	15

&lt;210&gt; 1821

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1821

Leu	Leu	Thr	Phe	Trp	Asn	Pro	Pro	Thr	Thr	Ala	Lys	Leu	Thr	Ile
1														
													10	15

&lt;210&gt; 1822

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1822

Leu	Thr	Phe	Trp	Asn	Pro	Pro	Thr	Thr	Ala	Lys	Leu	Thr	Ile	Glu
1														
													10	15

&lt;210&gt; 1823

&lt;211&gt; 15

&lt;212&gt; PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1823

Thr Ala Lys Leu Thr Ile Glu Ser Thr Pro Phe Asn Val Ala Glu  
1 5 10 15

<210> 1824

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1824

Glu Val Leu Leu Leu Val His Asn Leu Pro Gln His Leu Phe Gly  
1 5 10 15

<210> 1825

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1825

Val Leu Leu Leu Val His Asn Leu Pro Gln His Leu Phe Gly Tyr  
1 5 10 15

<210> 1826

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1826

Tyr Ser Trp Tyr Lys Gly Glu Arg Val Asp Gly Asn Arg Gln Ile  
1 5 10 15

<210> 1827

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1827

Asn Arg Gln Ile Ile Gly Tyr Val Ile Gly Thr Gln Gln Ala Thr  
1 5 10 15

<210> 1828  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1828  
Gly Tyr Val Ile Gly Thr Gln Gln Ala Thr Pro Gly Pro Ala Tyr  
1 5 10 15

<210> 1829  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1829  
Gly Pro Ala Tyr Ser Gly Arg Glu Ile Ile Tyr Pro Asn Ala Ser  
1 5 10 15

<210> 1830  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1830  
Gly Arg Glu Ile Ile Tyr Pro Asn Ala Ser Leu Leu Ile Gln Asn  
1 5 10 15

<210> 1831  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1831  
Arg Glu Ile Ile Tyr Pro Asn Ala Ser Leu Leu Ile Gln Asn Ile  
1 5 10 15

<210> 1832  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1832  
Glu Ile Ile Tyr Pro Asn Ala Ser Leu Leu Ile Gln Asn Ile Ile  
1 5 10 15

<210> 1833  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1833  
Asn Ala Ser Leu Leu Ile Gln Asn Ile Ile Gln Asn Asp Thr Gly  
1 5 10 15

<210> 1834  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1834  
Ala Ser Leu Leu Ile Gln Asn Ile Ile Gln Asn Asp Thr Gly Phe  
1 5 10 15

<210> 1835  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1835  
Ile Gln Asn Ile Ile Gln Asn Asp Thr Gly Phe Tyr Thr Leu His  
1 5 10 15

<210> 1836  
<211> 15  
<212> PRT  
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<220>  
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<400> 1836  
Asp Thr Gly Phe Tyr Thr Leu His Val Ile Lys Ser Asp Leu Val  
1 5 10 15

<210> 1837  
<211> 15  
<212> PRT  
<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1837

Thr Gly Phe Tyr Thr Leu His Val Ile Lys Ser Asp Leu Val Asn  
1 5 10 15

&lt;210&gt; 1838

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1838

Phe Tyr Thr Leu His Val Ile Lys Ser Asp Leu Val Asn Glu Glu  
1 5 10 15

&lt;210&gt; 1839

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1839

Thr Leu His Val Ile Lys Ser Asp Leu Val Asn Glu Glu Ala Thr  
1 5 10 15

&lt;210&gt; 1840

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1840

Leu His Val Ile Lys Ser Asp Leu Val Asn Glu Glu Ala Thr Gly  
1 5 10 15

&lt;210&gt; 1841

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1841

Lys Ser Asp Leu Val Asn Glu Glu Ala Thr Gly Gln Phe Arg Val  
1 5 10 15

<210> 1842  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1842  
Ser Asp Leu Val Asn Glu Glu Ala Thr Gly Gln Phe Arg Val Tyr  
1 5 10 15

<210> 1843  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1843  
Gln Phe Arg Val Tyr Pro Glu Leu Pro Lys Pro Ser Ile Ser Ser  
1 5 10 15

<210> 1844  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1844  
Tyr Pro Glu Leu Pro Lys Pro Ser Ile Ser Ser Asn Asn Ser Lys  
1 5 10 15

<210> 1845  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1845  
Lys Pro Ser Ile Ser Ser Asn Asn Ser Lys Pro Val Glu Asp Lys  
1 5 10 15

<210> 1846  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1846

Ser Lys Pro Val Glu Asp Lys Asp Ala Val Ala Phe Thr Cys Glu  
1 5 10 15

<210> 1847  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1847  
Tyr Leu Trp Trp Val Asn Asn Gln Ser Leu Pro Val Ser Pro Arg  
1 5 10 15

<210> 1848  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
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<400> 1848  
Leu Trp Trp Val Asn Asn Gln Ser Leu Pro Val Ser Pro Arg Leu  
1 5 10 15

<210> 1849  
<211> 15  
<212> PRT  
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<220>  
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<400> 1849  
Asn Arg Thr Leu Thr Leu Phe Asn Val Thr Arg Asn Asp Thr Ala  
1 5 10 15

<210> 1850  
<211> 15  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1850  
Leu Phe Asn Val Thr Arg Asn Asp Thr Ala Ser Tyr Lys Cys Glu  
1 5 10 15

<210> 1851  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
 <223> Artificial Peptide

<400> 1851  
 Gln Asn Pro Val Ser Ala Arg Arg Ser Asp Ser Val Ile Leu Asn  
 1               5   10   15

<210> 1852  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Artificial Peptide

<400> 1852  
 Ser Asp Ser Val Ile Leu Asn Val Leu Tyr Gly Pro Asp Ala Pro  
 1               5   10   15

<210> 1853  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Artificial Peptide

<400> 1853  
 Leu Asn Val Leu Tyr Gly Pro Asp Ala Pro Thr Ile Ser Pro Leu  
 1               5   10   15

<210> 1854  
 <211> 15  
 <212> PRT  
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<220>  
 <223> Artificial Peptide

<400> 1854  
 Asn Val Leu Tyr Gly Pro Asp Ala Pro Thr Ile Ser Pro Leu Asn  
 1               5   10   15

<210> 1855  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Artificial Peptide

<400> 1855  
 Ala Pro Thr Ile Ser Pro Leu Asn Thr Ser Tyr Arg Ser Gly Glu  
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<210> 1856

<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1856

Asn Leu Asn Leu Ser Cys His Ala Ala Ser Asn Pro Pro Ala Gln  
1 5 10 15

<210> 1857

<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1857

Gln Tyr Ser Trp Phe Val Asn Gly Thr Phe Gln Gln Ser Thr Gln  
1 5 10 15

<210> 1858

<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1858

Thr Gln Glu Leu Phe Ile Pro Asn Ile Thr Val Asn Asn Ser Gly  
1 5 10 15

<210> 1859

<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1859

Gln Glu Leu Phe Ile Pro Asn Ile Thr Val Asn Asn Ser Gly Ser  
1 5 10 15

<210> 1860

<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1860

Glu Leu Phe Ile Pro Asn Ile Thr Val Asn Asn Ser Gly Ser Tyr

1

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10

15

<210> 1861  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1861  
Ile Pro Asn Ile Thr Val Asn Asn Ser Gly Ser Tyr Thr Cys Gln  
1 5 10 15

<210> 1862  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1862  
Asn Ile Thr Val Asn Asn Ser Gly Ser Tyr Thr Cys Gln Ala His  
1 5 10 15

<210> 1863  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1863  
Asp Thr Gly Leu Asn Arg Thr Thr Val Thr Thr Ile Thr Val Tyr  
1 5 10 15

<210> 1864  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1864  
Arg Thr Thr Val Thr Thr Ile Thr Val Tyr Ala Glu Pro Pro Lys  
1 5 10 15

<210> 1865  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1865

Thr Ile Thr Val Tyr Ala Glu Pro Pro Lys Pro Phe Ile Thr Ser  
1 5 10 15

<210> 1866

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1866

Lys Pro Phe Ile Thr Ser Asn Asn Ser Asn Pro Val Glu Asp Glu  
1 5 10 15

<210> 1867

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1867

Ser Asn Pro Val Glu Asp Glu Asp Ala Val Ala Leu Thr Cys Glu  
1 5 10 15

<210> 1868

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1868

Asn Arg Thr Leu Thr Leu Leu Ser Val Thr Arg Asn Asp Val Gly  
1 5 10 15

<210> 1869

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1869

Leu Leu Ser Val Thr Arg Asn Asp Val Gly Pro Tyr Glu Cys Gly  
1 5 10 15

<210> 1870

<211> 15

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1870  
Arg Asn Asp Val Gly Pro Tyr Glu Cys Gly Ile Gln Asn Glu Leu  
1 5 10 15

<210> 1871  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1871  
Glu Cys Gly Ile Gln Asn Glu Leu Ser Val Asp His Ser Asp Pro  
1 5 10 15

<210> 1872  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1872  
Gln Asn Glu Leu Ser Val Asp His Ser Asp Pro Val Ile Leu Asn  
1 5 10 15

<210> 1873  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1873  
Glu Leu Ser Val Asp His Ser Asp Pro Val Ile Leu Asn Val Leu  
1 5 10 15

<210> 1874  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1874  
Ser Asp Pro Val Ile Leu Asn Val Leu Tyr Gly Pro Asp Asp Pro  
1 5 10 15

<210> 1875  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1875  
Asn Val Leu Tyr Gly Pro Asp Asp Pro Thr Ile Ser Pro Ser Tyr  
1 5 10 15

<210> 1876  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1876  
Asp Pro Thr Ile Ser Pro Ser Tyr Thr Tyr Tyr Arg Pro Gly Val  
1 5 10 15

<210> 1877  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1877  
Ser Pro Ser Tyr Thr Tyr Tyr Arg Pro Gly Val Asn Leu Ser Leu  
1 5 10 15

<210> 1878  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1878  
Ser Tyr Thr Tyr Tyr Arg Pro Gly Val Asn Leu Ser Leu Ser Cys  
1 5 10 15

<210> 1879  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

&lt;400&gt; 1879

Arg	Pro	Gly	Val	Asn	Leu	Ser	Leu	Ser	Cys	His	Ala	Ala	Ser	Asn
1				5					10				15	

&lt;210&gt; 1880

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1880

Asn	Leu	Ser	Leu	Ser	Cys	His	Ala	Ala	Ser	Asn	Pro	Pro	Ala	Gln
1				5					10				15	

&lt;210&gt; 1881

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1881

Tyr	Ser	Trp	Leu	Ile	Asp	Gly	Asn	Ile	Gln	Gln	His	Thr	Gln	Glu
1				5					10				15	

&lt;210&gt; 1882

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1882

Thr	Gln	Glu	Leu	Phe	Ile	Ser	Asn	Ile	Thr	Glu	Lys	Asn	Ser	Gly
1				5					10				15	

&lt;210&gt; 1883

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1883

Gln	Glu	Leu	Phe	Ile	Ser	Asn	Ile	Thr	Glu	Lys	Asn	Ser	Gly	Leu
1				5					10				15	

&lt;210&gt; 1884

&lt;211&gt; 15

&lt;212&gt; PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1884

Ile Ser Asn Ile Thr Glu Lys Asn Ser Gly Leu Tyr Thr Cys Gln  
1 5 10 15

<210> 1885

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1885

Asn Ser Gly Leu Tyr Thr Cys Gln Ala Asn Asn Ser Ala Ser Gly  
1 5 10 15

<210> 1886

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1886

Arg Thr Thr Val Lys Thr Ile Thr Val Ser Ala Glu Leu Pro Lys  
1 5 10 15

<210> 1887

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1887

Thr Ile Thr Val Ser Ala Glu Leu Pro Lys Pro Ser Ile Ser Ser  
1 5 10 15

<210> 1888

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1888

Ser Ala Glu Leu Pro Lys Pro Ser Ile Ser Ser Asn Asn Ser Lys  
1 5 10 15

<210> 1889  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1889  
Tyr Leu Trp Trp Val Asn Gly Gln Ser Leu Pro Val Ser Pro Arg  
1 5 10 15

<210> 1890  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1890  
Leu Trp Trp Val Asn Gly Gln Ser Leu Pro Val Ser Pro Arg Leu  
1 5 10 15

<210> 1891  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1891  
Asn Arg Thr Leu Thr Leu Phe Asn Val Thr Arg Asn Asp Ala Arg  
1 5 10 15

<210> 1892  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1892  
Leu Phe Asn Val Thr Arg Asn Asp Ala Arg Ala Tyr Val Cys Gly  
1 5 10 15

<210> 1893  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

&lt;400&gt; 1893

Val Cys Gly Ile Gln Asn Ser Val Ser Ala Asn Arg Ser Asp Pro  
1 5 10 15

&lt;210&gt; 1894

<211> 15  
<212> PRT  
<213> Artificial Sequence

&lt;220&gt;

<223> Artificial Peptide

&lt;400&gt; 1894

Gln Asn Ser Val Ser Ala Asn Arg Ser Asp Pro Val Thr Leu Asp  
1 5 10 15

&lt;210&gt; 1895

<211> 15  
<212> PRT  
<213> Artificial Sequence

&lt;220&gt;

<223> Artificial Peptide

&lt;400&gt; 1895

Ser Asp Pro Val Thr Leu Asp Val Leu Tyr Gly Pro Asp Thr Pro  
1 5 10 15

&lt;210&gt; 1896

<211> 15  
<212> PRT  
<213> Artificial Sequence

&lt;220&gt;

<223> Artificial Peptide

&lt;400&gt; 1896

Leu Asp Val Leu Tyr Gly Pro Asp Thr Pro Ile Ile Ser Pro Pro  
1 5 10 15

&lt;210&gt; 1897

<211> 15  
<212> PRT  
<213> Artificial Sequence

&lt;220&gt;

<223> Artificial Peptide

&lt;400&gt; 1897

Asp Val Leu Tyr Gly Pro Asp Thr Pro Ile Ile Ser Pro Pro Asp  
1 5 10 15

&lt;210&gt; 1898

<211> 15  
<212> PRT  
<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1898

Thr Pro Ile Ile Ser Pro Pro Asp Ser Ser Tyr Leu Ser Gly Ala  
1 5 10 15

&lt;210&gt; 1899

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1899

Ser Ser Tyr Leu Ser Gly Ala Asn Leu Asn Leu Ser Cys His Ser  
1 5 10 15

&lt;210&gt; 1900

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1900

Asn Leu Asn Leu Ser Cys His Ser Ala Ser Asn Pro Ser Pro Gln  
1 5 10 15

&lt;210&gt; 1901

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1901

Gln Tyr Ser Trp Arg Ile Asn Gly Ile Pro Gln Gln His Thr Gln  
1 5 10 15

&lt;210&gt; 1902

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1902

Ile Asn Gly Ile Pro Gln Gln His Thr Gln Val Leu Phe Ile Ala  
1 5 10 15

<210> 1903  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1903  
Thr Gln Val Leu Phe Ile Ala Lys Ile Thr Pro Asn Asn Asn Gly  
1 5 10 15

<210> 1904  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1904  
Gln Val Leu Phe Ile Ala Lys Ile Thr Pro Asn Asn Asn Gly Thr  
1 5 10 15

<210> 1905  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1905  
Val Leu Phe Ile Ala Lys Ile Thr Pro Asn Asn Asn Gly Thr Tyr  
1 5 10 15

<210> 1906  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1906  
Asn Gly Thr Tyr Ala Cys Phe Val Ser Asn Leu Ala Thr Gly Arg  
1 5 10 15

<210> 1907  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1907

Tyr Ala Cys Phe Val Ser Asn Leu Ala Thr Gly Arg Asn Asn Ser  
1 5 10 15

<210> 1908  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1908  
Ala Cys Phe Val Ser Asn Leu Ala Thr Gly Arg Asn Asn Ser Ile  
1 5 10 15

<210> 1909  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1909  
Asn Asn Ser Ile Val Lys Ser Ile Thr Val Ser Ala Ser Gly Thr  
1 5 10 15

<210> 1910  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1910  
Asn Ser Ile Val Lys Ser Ile Thr Val Ser Ala Ser Gly Thr Ser  
1 5 10 15

<210> 1911  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1911  
Val Lys Ser Ile Thr Val Ser Ala Ser Gly Thr Ser Pro Gly Leu  
1 5 10 15

<210> 1912  
<211> 15  
<212> PRT  
<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1912

Ser Ile Thr Val Ser Ala Ser Gly Thr Ser Pro Gly Leu Ser Ala  
1 5 10 15

&lt;210&gt; 1913

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1913

Ser Pro Gly Leu Ser Ala Gly Ala Thr Val Gly Ile Met Ile Gly  
1 5 10 15

&lt;210&gt; 1914

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1914

Thr Val Gly Ile Met Ile Gly Val Leu Val Gly Val Ala Leu Ile  
1 5 10 15

&lt;210&gt; 1915

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1915

Thr Ala Lys Leu Thr Ile Glu Ser Thr Pro Phe Asn Val Ala Glu  
1 5 10 15

&lt;210&gt; 1916

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1916

Tyr Ser Trp Tyr Lys Gly Glu Arg Val Asp Gly Asn Arg Gln Ile  
1 5 10 15

&lt;210&gt; 1917

<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1917  
Asn Gln Ser Leu Pro Val Ser Pro Arg Leu Gln Leu Ser Asn Gly  
1 5 10 15

<210> 1918  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1918  
Gly Glu Asn Leu Asn Leu Ser Cys His Ala Ala Ser Asn Pro Pro  
1 5 10 15

<210> 1919  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1919  
Gly Gln Ser Leu Pro Val Ser Pro Arg Leu Gln Leu Ser Asn Gly  
1 5 10 15

<210> 1920  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1920  
Gln Asn Ile Ile Gln Asn Asp Thr Gly Phe Tyr Thr Leu His Val  
1 5 10 15

<210> 1921  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1921  
Leu His Val Ile Lys Ser Asp Leu Val Asn Glu Glu Ala Thr Gly

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15

&lt;210&gt; 1922

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1922

Lys	Ser	Asp	Leu	Val	Asn	Glu	Glu	Ala	Thr	Gly	Gln	Phe	Arg	Val
1														15

&lt;210&gt; 1923

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1923

Ser	Asp	Leu	Val	Asn	Glu	Glu	Ala	Thr	Gly	Gln	Phe	Arg	Val	Tyr
1														15

&lt;210&gt; 1924

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1924

Gln	Phe	Arg	Val	Tyr	Pro	Glu	Leu	Pro	Lys	Pro	Ser	Ile	Ser	Ser
1														15

&lt;210&gt; 1925

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1925

Ala	Val	Ala	Phe	Thr	Cys	Glu	Pro	Glu	Thr	Gln	Asp	Ala	Thr	Tyr
1														15

&lt;210&gt; 1926

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Artificial Peptide

<400> 1926

Thr	Ala	Ser	Tyr	Lys	Cys	Glu	Thr	Gln	Asn	Pro	Val	Ser	Ala	Arg
1				5									15	

<210> 1927

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1927

Asn	Val	Leu	Tyr	Gly	Pro	Asp	Ala	Pro	Thr	Ile	Ser	Pro	Leu	Asn
1				5									15	

<210> 1928

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1928

Thr	Ile	Thr	Val	Tyr	Ala	Glu	Pro	Pro	Lys	Pro	Phe	Ile	Thr	Ser
1				5									15	

<210> 1929

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1929

Ser	Asn	Pro	Val	Glu	Asp	Glu	Asp	Ala	Val	Ala	Leu	Thr	Cys	Glu
1				5									15	

<210> 1930

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1930

Ala	Val	Ala	Leu	Thr	Cys	Glu	Pro	Glu	Ile	Gln	Asn	Thr	Thr	Tyr
1				5									15	

<210> 1931

<211> 15

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1931  
Glu Cys Gly Ile Gln Asn Glu Leu Ser Val Asp His Ser Asp Pro  
1 5 10 15

<210> 1932  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1932  
Gln Asn Glu Leu Ser Val Asp His Ser Asp Pro Val Ile Leu Asn  
1 5 10 15

<210> 1933  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1933  
Asn Val Leu Tyr Gly Pro Asp Asp Pro Thr Ile Ser Pro Ser Tyr  
1 5 10 15

<210> 1934  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1934  
Thr Ile Thr Val Ser Ala Glu Leu Pro Lys Pro Ser Ile Ser Ser  
1 5 10 15

<210> 1935  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1935  
Ala Val Ala Phe Thr Cys Glu Pro Glu Ala Gln Asn Thr Thr Tyr  
1 5 10 15

<210> 1936  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1936  
Ser Asp Pro Val Thr Leu Asp Val Leu Tyr Gly Pro Asp Thr Pro  
1 5 10 15

<210> 1937  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1937  
Asp Val Leu Tyr Gly Pro Asp Thr Pro Ile Ile Ser Pro Pro Asp  
1 5 10 15

<210> 1938  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1938  
Asn Glu Glu Ala Thr Gly Gln Phe Arg Val Tyr Pro Glu Leu Pro  
1 5 10 15

<210> 1939  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1939  
Ile Ser Pro Leu Asn Thr Ser Tyr Arg Ser Gly Glu Asn Leu Asn  
1 5 10 15

<210> 1940  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

&lt;400&gt; 1940

Ser	Gly	Ser	Tyr	Thr	Cys	Gln	Ala	His	Asn	Ser	Asp	Thr	Gly	Leu
1				5					10					15

&lt;210&gt; 1941

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1941

Asn	Gln	Ser	Leu	Pro	Val	Ser	Pro	Arg	Leu	Gln	Leu	Ser	Asn	Asp
1				5					10					15

&lt;210&gt; 1942

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1942

Arg	Leu	Gln	Leu	Ser	Asn	Asp	Asn	Arg	Thr	Leu	Thr	Leu	Leu	Ser
1				5					10					15

&lt;210&gt; 1943

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1943

Gly	Val	Asn	Leu	Ser	Leu	Ser	Cys	His	Ala	Ala	Ser	Asn	Pro	Pro
1				5					10					15

&lt;210&gt; 1944

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1944

Gly	Ala	Asn	Leu	Asn	Leu	Ser	Cys	His	Ser	Ala	Ser	Asn	Pro	Ser
1				5					10					15

&lt;210&gt; 1945

&lt;211&gt; 15

&lt;212&gt; PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1945

Arg Leu Pro Ala Ser Pro Glu Thr His Leu Asp Met Leu Arg His  
1 5 10 15

<210> 1946

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1946

Val Leu Ile Ala His Asn Gln Val Arg Gln Val Pro Leu Gln Arg  
1 5 10 15

<210> 1947

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1947

Ala Leu Thr Leu Ile Asp Thr Asn Arg Ser Arg Ala Cys His Pro  
1 5 10 15

<210> 1948

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1948

Leu Ala Leu Ile His His Asn Thr His Leu Cys Phe Val His Thr  
1 5 10 15

<210> 1949

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1949

Trp Asp Gln Leu Phe Arg Asn Pro His Gln Ala Leu Leu His Thr  
1 5 10 15

<210> 1950  
<211> 15  
<212> PRT  
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<220>  
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<400> 1950  
His Ser Cys Val Asp Leu Asp Asp Lys Gly Cys Pro Ala Glu Gln  
1 5 10 15

<210> 1951  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1951  
Gly Met Ser Tyr Leu Glu Asp Val Arg Leu Val His Arg Asp Leu  
1 5 10 15

<210> 1952  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1952  
Cys Trp Met Ile Asp Ser Glu Cys Arg Pro Arg Phe Arg Glu Leu  
1 5 10 15

<210> 1953  
<211> 15  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1953  
Gln Gly Gly Ala Ala Pro Gln Pro His Pro Pro Pro Ala Phe Ser  
1 5 10 15

<210> 1954  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

&lt;400&gt; 1954

Glu	Phe	Gln	Ala	Ala	Ile	Ser	Arg	Lys	Met	Val	Glu	Leu	Val	His
1														15

&lt;210&gt; 1955

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1955

Val	Lys	Val	Leu	His	His	Thr	Leu	Lys	Ile	Gly	Gly	Glu	Pro	His
1														15

&lt;210&gt; 1956

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1956

Thr	Leu	Lys	Ile	Gly	Gly	Glu	Pro	His	Ile	Ser	Tyr	Pro	Pro	Leu
1														15

&lt;210&gt; 1957

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1957

Glu	Phe	Gln	Ala	Ala	Leu	Ser	Arg	Lys	Val	Ala	Glu	Leu	Val	His
1														15

&lt;210&gt; 1958

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1958

Glu	Asp	Ser	Ile	Leu	Gly	Asp	Pro	Lys	Lys	Leu	Leu	Thr	Gln	His
1														15

&lt;210&gt; 1959

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1959

Met	Ala	Ile	Tyr	Lys	Gln	Ser	Gln	His	Met	Thr	Glu	Val	Val	Arg
1				5					10					15

&lt;210&gt; 1960

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1960

Leu	Ile	Arg	Val	Glu	Gly	Asn	Leu	Arg	Val	Glu	Tyr	Leu	Asp	Asp
1				5					10					15

&lt;210&gt; 1961

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1961

Gly	Glu	Tyr	Phe	Thr	Leu	Gln	Ile	Arg	Gly	Arg	Glu	Arg	Phe	Glu
1				5					10					15

&lt;210&gt; 1962

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1962

Ile	Pro	Trp	Gln	Arg	Leu	Leu	Leu	Thr
1				5				

&lt;210&gt; 1963

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1963

Trp	Gln	Arg	Leu	Leu	Leu	Thr	Ala	Ser
1				5				

<210> 1964  
<211> 9  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1964  
Leu Leu Leu Thr Ala Ser Leu Leu Thr  
1 5

<210> 1965  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1965  
Leu Leu Thr Ala Ser Leu Leu Thr Phe  
1 5

<210> 1966  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1966  
Leu Thr Ala Ser Leu Leu Thr Phe Trp  
1 5

<210> 1967  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1967  
Leu Thr Phe Trp Asn Pro Pro Thr Thr  
1 5

<210> 1968  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1968

Phe Trp Asn Pro Pro Thr Thr Ala Lys  
1 5

<210> 1969  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1969  
Trp Asn Pro Pro Thr Thr Ala Lys Leu  
1 5

<210> 1970  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1970  
Leu Thr Ile Glu Ser Thr Pro Phe Asn  
1 5

<210> 1971  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1971  
Leu Leu Val His Asn Leu Pro Gln His  
1 5

<210> 1972  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1972  
Leu Val His Asn Leu Pro Gln His Leu  
1 5

<210> 1973  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1973  
Tyr Lys Gly Glu Arg Val Asp Gly Asn  
1 5

<210> 1974  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1974  
Ile Ile Gly Tyr Val Ile Gly Thr Gln  
1 5

<210> 1975  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1975  
Ile Gly Thr Gln Gln Ala Thr Pro Gly  
1 5

<210> 1976  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1976  
Tyr Ser Gly Arg Glu Ile Ile Tyr Pro  
1 5

<210> 1977  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1977  
Ile Ile Tyr Pro Asn Ala Ser Leu Leu  
1 5

<210> 1978

<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1978  
Ile Tyr Pro Asn Ala Ser Leu Leu Ile  
1 5

<210> 1979  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1979  
Tyr Pro Asn Ala Ser Leu Leu Ile Gln  
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<210> 1980  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1980  
Leu Leu Ile Gln Asn Ile Ile Gln Asn  
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<210> 1981  
<211> 9  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1981  
Leu Ile Gln Asn Ile Ile Gln Asn Asp  
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<210> 1982  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 1982  
Ile Ile Gln Asn Asp Thr Gly Phe Tyr

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<210> 1983  
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<212> PRT  
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<220>  
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<400> 1983  
Phe Tyr Thr Leu His Val Ile Lys Ser  
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<210> 1984  
<211> 9  
<212> PRT  
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<220>  
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<400> 1984  
Tyr Thr Leu His Val Ile Lys Ser Asp  
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<210> 1985  
<211> 9  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1985  
Leu His Val Ile Lys Ser Asp Leu Val  
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<210> 1986  
<211> 9  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1986  
Val Ile Lys Ser Asp Leu Val Asn Glu  
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<210> 1987  
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<212> PRT  
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<220>

<223> Artificial Peptide

<400> 1987

Ile Lys Ser Asp Leu Val Asn Glu Glu  
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<210> 1988

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1988

Leu Val Asn Glu Glu Ala Thr Gly Gln  
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<210> 1989

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1989

Val Asn Glu Glu Ala Thr Gly Gln Phe  
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<210> 1990

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1990

Val Tyr Pro Glu Leu Pro Lys Pro Ser  
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<210> 1991

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 1991

Leu Pro Lys Pro Ser Ile Ser Ser Asn  
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<210> 1992

<211> 9

<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1992  
Ile Ser Ser Asn Asn Ser Lys Pro Val  
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<210> 1993  
<211> 9  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1993  
Val Glu Asp Lys Asp Ala Val Ala Phe  
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<210> 1994  
<211> 9  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1994  
Trp Val Asn Asn Gln Ser Leu Pro Val  
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<210> 1995  
<211> 9  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1995  
Val Asn Asn Gln Ser Leu Pro Val Ser  
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<210> 1996  
<211> 9  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1996  
Leu Thr Leu Phe Asn Val Thr Arg Asn  
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<210> 1997  
<211> 9  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1997  
Val Thr Arg Asn Asp Thr Ala Ser Tyr  
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<210> 1998  
<211> 9  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1998  
Val Ser Ala Arg Arg Ser Asp Ser Val  
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<210> 1999  
<211> 9  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 1999  
Val Ile Leu Asn Val Leu Tyr Gly Pro  
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<210> 2000  
<211> 9  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 2000  
Leu Tyr Gly Pro Asp Ala Pro Thr Ile  
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<210> 2001  
<211> 9  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 2001  
Tyr Gly Pro Asp Ala Pro Thr Ile Ser  
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<210> 2002  
<211> 9  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 2002  
Ile Ser Pro Leu Asn Thr Ser Tyr Arg  
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<210> 2003  
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<212> PRT  
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<220>  
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<400> 2003  
Leu Ser Cys His Ala Ala Ser Asn Pro  
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<210> 2004  
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<212> PRT  
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<400> 2004  
Trp Phe Val Asn Gly Thr Phe Gln Gln  
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<210> 2005  
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<400> 2005  
Leu Phe Ile Pro Asn Ile Thr Val Asn  
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<210> 2006  
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<400> 2006

Phe Ile Pro Asn Ile Thr Val Asn Asn

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<210> 2007

<211> 9

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<223> Artificial Peptide

<400> 2007

Ile Pro Asn Ile Thr Val Asn Asn Ser

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<210> 2008

<211> 9

<212> PRT

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<223> Artificial Peptide

<400> 2008

Ile Thr Val Asn Asn Ser Gly Ser Tyr

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<210> 2009

<211> 9

<212> PRT

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<223> Artificial Peptide

<400> 2009

Val Asn Asn Ser Gly Ser Tyr Thr Cys

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<210> 2010

<211> 9

<212> PRT

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<223> Artificial Peptide

<400> 2010

Leu Asn Arg Thr Thr Val Thr Thr Ile

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<210> 2011  
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<220>  
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<400> 2011  
Val Thr Thr Ile Thr Val Tyr Ala Glu  
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<210> 2012  
<211> 9  
<212> PRT  
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<220>  
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<400> 2012  
Val Tyr Ala Glu Pro Pro Lys Pro Phe  
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<210> 2013  
<211> 9  
<212> PRT  
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<220>  
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<400> 2013  
Ile Thr Ser Asn Asn Ser Asn Pro Val  
1 5

<210> 2014  
<211> 9  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 2014  
Val Glu Asp Glu Asp Ala Val Ala Leu  
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<210> 2015  
<211> 9  
<212> PRT  
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<220>  
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<400> 2015  
Leu Thr Leu Leu Ser Val Thr Arg Asn  
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<210> 2016  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
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<400> 2016  
Val Thr Arg Asn Asp Val Gly Pro Tyr  
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<210> 2017  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 2017  
Val Gly Pro Tyr Glu Cys Gly Ile Gln  
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<210> 2018  
<211> 9  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 2018  
Ile Gln Asn Glu Leu Ser Val Asp His  
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<210> 2019  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 2019  
Leu Ser Val Asp His Ser Asp Pro Val  
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<210> 2020  
<211> 9  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 2020  
Val Asp His Ser Asp Pro Val Ile Leu  
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<210> 2021  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 2021  
Val Ile Leu Asn Val Leu Tyr Gly Pro  
1 5

<210> 2022  
<211> 9  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 2022  
Tyr Gly Pro Asp Asp Pro Thr Ile Ser  
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<210> 2023  
<211> 9  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 2023  
Ile Ser Pro Ser Tyr Thr Tyr Tyr Arg  
1 5

<210> 2024  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 2024  
Tyr Thr Tyr Tyr Arg Pro Gly Val Asn  
1 5

<210> 2025  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 2025  
Tyr Tyr Arg Pro Gly Val Asn Leu Ser  
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<210> 2026  
<211> 9  
<212> PRT  
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<220>  
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<400> 2026  
Val Asn Leu Ser Leu Ser Cys His Ala  
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<210> 2027  
<211> 9  
<212> PRT  
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<220>  
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<400> 2027  
Leu Ser Cys His Ala Ala Ser Asn Pro  
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<210> 2028  
<211> 9  
<212> PRT  
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<400> 2028  
Leu Ile Asp Gly Asn Ile Gln Gln His  
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<210> 2029  
<211> 9  
<212> PRT  
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<400> 2029

Leu Phe Ile Ser Asn Ile Thr Glu Lys  
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<210> 2030  
<211> 9  
<212> PRT  
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<400> 2030  
Phe Ile Ser Asn Ile Thr Glu Lys Asn  
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<210> 2031  
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<212> PRT  
<213> Artificial Sequence

<220>  
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<400> 2031  
Ile Thr Glu Lys Asn Ser Gly Leu Tyr  
1 5

<210> 2032  
<211> 9  
<212> PRT  
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<220>  
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<400> 2032  
Leu Tyr Thr Cys Gln Ala Asn Asn Ser  
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<210> 2033  
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<212> PRT  
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<220>  
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<400> 2033  
Val Lys Thr Ile Thr Val Ser Ala Glu  
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<210> 2034  
<211> 9  
<212> PRT  
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<220>  
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<400> 2034  
Val Ser Ala Glu Leu Pro Lys Pro Ser  
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<210> 2035  
<211> 9  
<212> PRT  
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<220>  
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<400> 2035  
Leu Pro Lys Pro Ser Ile Ser Ser Asn  
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<210> 2036  
<211> 9  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 2036  
Trp Val Asn Gly Gln Ser Leu Pro Val  
1 5

<210> 2037  
<211> 9  
<212> PRT  
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<220>  
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<400> 2037  
Val Asn Gly Gln Ser Leu Pro Val Ser  
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<210> 2038  
<211> 9  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 2038  
Leu Thr Leu Phe Asn Val Thr Arg Asn  
1 5

<210> 2039

<211> 9  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 2039  
Val Thr Arg Asn Asp Ala Arg Ala Tyr  
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<210> 2040  
<211> 9  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 2040  
Ile Gln Asn Ser Val Ser Ala Asn Arg  
1 5

<210> 2041  
<211> 9  
<212> PRT  
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<220>  
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<400> 2041  
Val Ser Ala Asn Arg Ser Asp Pro Val  
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<210> 2042  
<211> 9  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 2042  
Val Thr Leu Asp Val Leu Tyr Gly Pro  
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<210> 2043  
<211> 9  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 2043  
Leu Tyr Gly Pro Asp Thr Pro Ile Ile

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<210> 2044  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 2044  
Tyr Gly Pro Asp Thr Pro Ile Ile Ser  
1 5

<210> 2045  
<211> 9  
<212> PRT  
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<220>  
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<400> 2045  
Ile Ser Pro Pro Asp Ser Ser Tyr Leu  
1 5

<210> 2046  
<211> 9  
<212> PRT  
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<220>  
<223> Artificial Peptide

<400> 2046  
Leu Ser Gly Ala Asn Leu Asn Leu Ser  
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<210> 2047  
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&lt;400&gt; 2274

Glu Ala Leu Ile His Gln Leu Lys Ile Asn Pro Tyr Val Leu Ser  
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&lt;210&gt; 2275

&lt;211&gt; 14

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&lt;400&gt; 2275

Gln Tyr Ile Lys Ala Asn Ala Lys Phe Ile Gly Ile Thr Glu  
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&lt;210&gt; 2276

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&lt;400&gt; 2276

Gln Tyr Ile Lys Ala Asn Ala Lys Phe Ile Gly Ile Thr Glu  
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&lt;210&gt; 2277

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&lt;400&gt; 2277

Pro Lys Tyr Val Lys Gln Asn Thr Leu Lys Leu Ala Thr  
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&lt;210&gt; 2278

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Tyr Leu Ser Gly Ala Asn Leu Asn Leu  
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Ala Thr Val Gly Ile Met Ile Gly Val  
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Leu Leu Thr Phe Trp Asn Pro Pro Thr  
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Leu Leu Thr Phe Trp Asn Pro Pro Val  
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Glu Val Leu Leu Leu Val His Asn Leu Pro Gln His Leu Phe Gly  
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<210> 2319  
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Gly Arg Glu Ile Ile Tyr Pro Asn Ala Ser Leu Leu Ile Gln Asn  
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&lt;212&gt; PRT

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&lt;223&gt; Artificial Peptide

&lt;400&gt; 2320

Glu Ile Ile Tyr Pro Asn Ala Ser Leu Leu Ile Gln Asn Ile Ile  
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&lt;210&gt; 2321

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 2321

Asn Ala Ser Leu Leu Ile Gln Asn Ile Ile Gln Asn Asp Thr Gly  
1 5 10 15

&lt;210&gt; 2322

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 2322

Asp Thr Gly Phe Tyr Thr Leu His Val Ile Lys Ser Asp Leu Val  
1 5 10 15

&lt;210&gt; 2323

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 2323

Tyr Pro Glu Leu Pro Lys Pro Ser Ile Ser Ser Asn Asn Ser Lys  
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&lt;210&gt; 2324

&lt;211&gt; 15

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Gln Tyr Ser Trp Phe Val Asn Gly Thr Phe Gln Gln Ser Thr Gln  
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<212> PRT

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Asp Thr Gly Leu Asn Arg Thr Thr Val Thr Thr Ile Thr Val Tyr  
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&lt;400&gt; 2333

Ser Ala Glu Leu Pro Lys Pro Ser Ile Ser Ser Asn Asn Ser Lys  
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&lt;210&gt; 2334

&lt;211&gt; 15

&lt;212&gt; PRT

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&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 2334

Leu Asp Val Leu Tyr Gly Pro Asp Thr Pro Ile Ile Ser Pro Pro  
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&lt;210&gt; 2335

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 2335

Thr Gln Val Leu Phe Ile Ala Lys Ile Thr Pro Asn Asn Asn Gly  
1 5 10 15

&lt;210&gt; 2336

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 2336

Gln Val Leu Phe Ile Ala Lys Ile Thr Pro Asn Asn Asn Gly Thr  
1 5 10 15

&lt;210&gt; 2337

&lt;211&gt; 15

&lt;212&gt; PRT

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&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 2337

Tyr Ala Cys Phe Val Ser Asn Leu Ala Thr Gly Arg Asn Asn Ser  
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&lt;210&gt; 2338

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<210> 2342  
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<210> 2345  
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<210> 2352  
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<210> 2353  
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<400> 2353  
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<400> 2354  
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<210> 2355  
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<400> 2355  
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<210> 2356  
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<400> 2356  
Ala Val Ala Phe Thr Cys Glu Pro Glu Thr Gln Asp Ala Thr Tyr  
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<210> 2357

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<400> 2357  
Thr Ala Ser Tyr Lys Cys Glu Thr Gln Asn Pro Val Ser Ala Arg  
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<210> 2358  
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<400> 2358  
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<400> 2361  
Thr Ile Thr Val Tyr Ala Glu Pro Pro Lys Pro Phe Ile Thr Ser

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<210> 2362  
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<210> 2363  
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Ala Val Ala Leu Thr Cys Glu Pro Glu Ile Gln Asn Thr Thr Tyr  
1 5 10 15

<210> 2364  
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<220>  
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Asn Gln Ser Leu Pro Val Ser Pro Arg Leu Gln Leu Ser Asn Asp  
1 5 10 15

<210> 2365  
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<212> PRT  
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<220>  
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Arg Leu Gln Leu Ser Asn Asp Asn Arg Thr Leu Thr Leu Leu Ser  
1 5 10 15

<210> 2366  
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<220>

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<400> 2366

Glu Cys Gly Ile Gln Asn Glu Leu Ser Val Asp His Ser Asp Pro  
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<210> 2367

<211> 15

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<213> Artificial Sequence

<220>

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<400> 2367

Gln Asn Glu Leu Ser Val Asp His Ser Asp Pro Val Ile Leu Asn  
1 5 10 15

<210> 2368

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 2368

Asn Val Leu Tyr Gly Pro Asp Asp Pro Thr Ile Ser Pro Ser Tyr  
1 5 10 15

<210> 2369

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 2369

Gly Val Asn Leu Ser Leu Ser Cys His Ala Ala Ser Asn Pro Pro  
1 5 10 15

<210> 2370

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 2370

Thr Ile Thr Val Ser Ala Glu Leu Pro Lys Pro Ser Ile Ser Ser  
1 5 10 15

<210> 2371

<211> 15

<212> PRT  
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<220>  
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<400> 2371  
Ala Val Ala Phe Thr Cys Glu Pro Glu Ala Gln Asn Thr Thr Tyr  
1 5 10 15

<210> 2372  
<211> 15  
<212> PRT  
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<220>  
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<400> 2372  
Ser Asp Pro Val Thr Leu Asp Val Leu Tyr Gly Pro Asp Thr Pro  
1 5 10 15

<210> 2373  
<211> 15  
<212> PRT  
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<220>  
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<400> 2373  
Asp Val Leu Tyr Gly Pro Asp Thr Pro Ile Ile Ser Pro Pro Asp  
1 5 10 15

<210> 2374  
<211> 15  
<212> PRT  
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<220>  
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<400> 2374  
Gly Ala Asn Leu Asn Leu Ser Cys His Ser Ala Ser Asn Pro Ser  
1 5 10 15

<210> 2375  
<211> 15  
<212> PRT  
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<220>  
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<400> 2375  
Arg Trp Cys Ile Pro Trp Gln Arg Leu Leu Leu Thr Ala Ser Leu  
1 5 10 15

<210> 2376  
<211> 15  
<212> PRT  
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<220>  
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<400> 2376  
Glu Val Leu Leu Leu Val His Asn Leu Pro Gln His Leu Phe Gly  
1 5 10 15

<210> 2377  
<211> 15  
<212> PRT  
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<220>  
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<400> 2377  
Gly Arg Glu Ile Ile Tyr Pro Asn Ala Ser Leu Leu Ile Gln Asn  
1 5 10 15

<210> 2378  
<211> 15  
<212> PRT  
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<220>  
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<400> 2378  
Gln Asn Ile Ile Gln Asn Asp Thr Gly Phe Tyr Thr Leu His Val  
1 5 10 15

<210> 2379  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 2379  
Asp Thr Gly Phe Tyr Thr Leu His Val Ile Lys Ser Asp Leu Val  
1 5 10 15

<210> 2380  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
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&lt;400&gt; 2380

Tyr	Leu	Trp	Trp	Val	Asn	Asn	Gln	Ser	Leu	Pro	Val	Ser	Pro	Arg
1				5					10				15	

&lt;210&gt; 2381

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 2381

Arg	Leu	Gln	Leu	Ser	Asn	Asp	Asn	Arg	Thr	Leu	Thr	Leu	Leu	Ser
1				5				10					15	

&lt;210&gt; 2382

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 2382

Gln	Tyr	Ile	Lys	Ala	Asn	Ser	Lys	Phe	Ile	Gly	Ile	Thr	Glu
1				5				10					

&lt;210&gt; 2383

&lt;211&gt; 21

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 2383

Asp	Ile	Glu	Lys	Lys	Ile	Ala	Lys	Met	Glu	Lys	Ala	Ser	Ser	Val	Phe
1					5				10					15	
Asn	Val	Val	Asn	Ser											
				20											

&lt;210&gt; 2384

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 2384

Gly	Ala	Val	Asp	Ser	Ile	Leu	Gly	Gly	Val	Ala	Thr	Tyr	Gly	Ala	Ala
1					5				10				15		

&lt;210&gt; 2385

<211> 13  
<212> PRT  
<213> Artificial Sequence:

<220>  
<223> Artificial Peptide

<221> MOD\_RES  
<222> 1, 13  
<223> Xaa = D-alanine or L-alanine

<221> MOD\_RES  
<222> 3  
<223> Xaa = cyclohexylalanine, Phe or Tyr

<400> 2385  
Xaa Lys Xaa Val Trp Ala Asn Thr Leu Lys Ala Ala Xaa  
1 5 10